

AMENDMENTS TO THE CLAIMS:

Claims 1-39 are canceled without prejudice or disclaimer. Claims 40-59 are added. The following is the status of the claims of the above-captioned application, as amended.

Claims 1-39 (Cancelled.)

40. (New.) A method for preparing an edible product, comprising:

(a) adding a GH-61 polypeptide to a dough composition in an amount effective to retard the staling of the edible product prepared from the dough composition; and
(b) heating the dough composition.

41.(New.) The method of claim 40, comprising leavening the dough composition before heating.

42.(New.) The method of claim 40, wherein the heating comprises baking the dough composition.

43.(New.) The method of claim 40, wherein the heating comprises steaming the dough composition.

44.(New.) The method of claim 40, wherein the edible product is a bread.

45.(New.) The method of claim 40, further comprising adding a maltogenic amylase to the dough composition.

46.(New.) A dough composition comprising a GH-61 polypeptide and at least one ingredient selected from the group consisting of meal, flour and starch.

47.(New.) The dough composition of claim 46, wherein the GH-61 polypeptide is in the form of a granule.

48.(New.) The dough composition of claim 46, wherein dough is fresh, frozen, par-baked or laminated dough.

49.(New.) The dough composition of claim 46, wherein the GH-61 polypeptide is added in an amount of 0.5-100 mg GH-61 polypeptide per kg dry matter in the dough composition.

50.(New.) The dough composition of claim 46, wherein the dough composition further comprises one or more additional ingredients selected from the group consisting of protein, eggs, oxidants, sugars, fat and salts.

51.(New.) The dough composition of claim 46, wherein the dough composition further comprises an emulsifier.

52.(New.) The dough composition of claim 46, wherein the dough composition further comprises a leavening agent.

53.(New.) The dough composition of claim 46, wherein the dough composition further comprises a maltogenic amylase.

54.(New.) A GH-61 polypeptide comprising an amino acid sequence having H at position 1, A or P at position 59, G at position 60, G at position 75, P or A at position 76, W or F at position 100, F or T at position 101, K or C at position 102, I or V or L at position 103, L or I or V or M at position 130, P at position 131, G and Xaa and Y at position 137-139, L or V or I or M at position 140, L or V or I or M at position 141, R at position 142, E or Q at positions 143-144, L or V or I at position 148, H or N at position 149, C at position 163 and P and G and P at position 209-211.

55.(New.) The GH-61 polypeptide of claim 54, wherein the GH-61 polypeptide comprises:

- (a) the mature polypeptide of SEQ ID NO:2, SEQ ID NO:4 or SEQ ID NO:6,
- (b) a polypeptide that has at least 70% identity to the amino acids of the mature polypeptide of SEQ ID NO:2, SEQ ID NO:4 or SEQ ID NO:6;
- (c) a polypeptide which is encoded by nucleotide sequences which hybridize under medium stringency conditions with a polynucleotide probe selected from the group consisting of
 - (i) the complementary strand of nucleotides 52 to 699 of SEQ ID NO:1, 46 to 957 of SEQ ID NO:3 or 58 to 660 of SEQ ID NO:5,
 - (ii) the complementary strand of nucleotides 46 to 857 of SEQ ID NO:3,

- (iv) the complementary strand of nucleotides 52 to 300 of SEQ ID NO:1, 46 to 501 of SEQ ID NO:3 or 58 to 300 of SEQ ID NO:5 or
- (v) the complementary strand of nucleotides 301 to 699 of SEQ ID NO:1, 502 to 957 of SEQ ID NO:3 or 301 to 660 of SEQ ID NO:5.

56.(New.) A GH-61 polypeptide comprising an amino acid sequence which:

- a) has at least 70% identity to the amino acids of the mature polypeptide of SEQ ID NO:2, SEQ ID NO:4 or SEQ ID NO:6; or
- b) is encoded by nucleotide sequences which hybridize under medium stringency conditions with a polynucleotide probe selected from the group consisting of:
 - (i) the complementary strand of nucleotides 52 to 699 of SEQ ID NO:1, 46 to 957 of SEQ ID NO:3 or 58 to 660 of SEQ ID NO:5,
 - (ii) the complementary strand of nucleotides 46 to 857 of SEQ ID NO:3,
 - (iv) the complementary strand of nucleotides 52 to 300 of SEQ ID NO:1, 46 to 501 of SEQ ID NO:3 or 58 to 300 of SEQ ID NO:5 or
 - (v) the complementary strand of nucleotides 301 to 699 of SEQ ID NO:1, 502 to 957 of SEQ ID NO:3 or 301 to 660 of SEQ ID NO:5.

57.(New.) The polypeptide of claim 56, wherein the polypeptide differ from amino acids of the mature polypeptide of SEQ ID NO:2, SEQ ID NO:4 or SEQ ID NO:6 by at the most ten amino acids.

58.(New.) The polypeptide of claim 56, wherein the polypeptide consists of the amino acid of the mature polypeptide of SEQ ID NO:2, SEQ ID NO:4 or SEQ ID NO:6.

59.(New.) The polypeptide of claim 56, wherein the polypeptide is encoded by a polynucleotide comprising the nucleotide sequence of nucleotides 52 to 699 of SEQ ID NO:1, 46 to 957 of SEQ ID NO:3 or 58 to 660 of SEQ ID NO:5.